

This Listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for diagnosing ~~a precancerous lesion or a breast~~ cancer in a human, comprising:

detecting and measuring gene copy number of a WIP1 gene ~~having a nucleotide sequence of nucleotides 1-1818 of SEQ ID NO:1 or of nucleotides 1-2973 of SEQ ID NO:3~~ in a breast tissue ~~or lung tissue~~ sample from the human that is suspected to be ~~precancerous or~~ cancerous, thereby generating data for a test gene copy number; and

comparing the test gene copy number to data for a control gene copy number, wherein an amplification of the gene in the breast tissue ~~or lung tissue~~ sample relative to the control indicates the presence of ~~a precancerous lesion or a breast~~ cancer in the human.

2. (Cancelled)

3. (Original) The method according to claim 1, wherein the data is stored in an electronic or a paper format, wherein the electronic format is selected from the group consisting of electronic mail, disk, compact disk (CD), digital versatile disk (DVD), memory card, memory chip, ROM or RAM, magnetic optical disk, tape, video, video clip, microfilm, internet, shared network, shared server; wherein the data is displayed, transmitted or

analyzed via physical transfer, electronic transmission, video display, or telecommunication; wherein the data is compared and compiled at the site of sampling specimens or at a location where the data is transmitted.

Claims 4-53: (Cancelled)

54. (Previously presented) The method according to claim 1 wherein said WIP1 gene associated with said detecting and measuring of said gene copy number has a nucleotide sequence of nucleotides 1-1818 of SEQ ID NO:1.

55. (Cancelled)

56. (Previously presented) The method according to claim 3 wherein said WIP1 gene associated with said detecting and measuring of said gene copy number has a nucleotide sequence of nucleotides 1-1818 of SEQ ID NO:1.

57. (Previously presented) The method of claim 1, wherein the gene copy number is determined by hybridization- and/or amplification-based assays.

58. (Previously presented) The method of claim 1, wherein the gene copy number is determined by ligase chain reaction (LCR).

59. (Previously presented) The method of claim 1, wherein the gene copy number is determined by polymerase chain reaction (PCR).

60. (Cancelled)

61. (Previously presented) The method of claim 1, wherein the gene copy number is determined by fluorescence *in situ* hybridization (FISH).

62. (Previously presented) The method of claim 1, wherein the gene copy number is determined by comparative genomic hybridization (CGH).

63. (Previously presented) The method of claim 1, wherein the gene copy number is determined by microarray-based CGH.